

Title (en)  
STEERING ARRANGEMENT

Title (de)  
LENKUNGSANORDNUNG

Title (fr)  
DISPOSITIF DE DIRECTION

Publication  
**EP 2739519 B1 20150617 (DE)**

Application  
**EP 12758743 A 20120803**

Priority  
• DE 102011109705 A 20110806  
• EP 2012003318 W 20120803

Abstract (en)  
[origin: WO2013020683A1] The invention relates to a steering arrangement (1) comprising a steering spindle (2) and a steering coupling (4) which is provided with a fork head (3) and which has a connecting element (9). An end (10) of the steering spindle (2) is connected to the steering coupling (4) in the form of a plug connection by means of the connecting element. The aim of the invention is to allow the steering spindle end (10) and the steering coupling end that are brought together to be connected in the correct position relative to each other and thus to prevent a faulty assembly. According to the invention, this is achieved in that the steering spindle end (2) and the connecting element (9) are designed as coaxial plug partners at ends that face each other by means of at least one groove and spring guiding element pair (37, 38, 39, 40) which provides a positive guide that transmits a torque. The connecting element (9) forms a hollow shaft (6) of the steering coupling (4), the at least one groove (37, 39) and/or the at least one spring (38, 40) of the guiding element pair being molded on the inner face (56) of the shaft (6). The steering arrangement (1) includes a clamping device (11), by means of which the plug partners can be clamped against each other in a plugged position such that the plug partners are prevented from detaching.

IPC 8 full level  
**B62D 1/20** (2006.01); **F16D 1/08** (2006.01); **F16D 3/38** (2006.01)

CPC (source: EP US)  
**B62D 1/16** (2013.01 - US); **B62D 1/20** (2013.01 - EP US); **F16D 1/06** (2013.01 - US); **F16D 1/0876** (2013.01 - EP US); **F16D 1/0882** (2013.01 - EP US); **F16D 1/0888** (2013.01 - EP US); **F16D 3/387** (2013.01 - EP US); **Y10T 403/7026** (2015.01 - EP US)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**DE 102011109705 A1 20130207**; CN 103732473 A 20140416; CN 103732473 B 20170301; EP 2739519 A1 20140611; EP 2739519 B1 20150617; US 2014241795 A1 20140828; US 9126622 B2 20150908; WO 2013020683 A1 20130214

DOCDB simple family (application)  
**DE 102011109705 A 20110806**; CN 201280038584 A 20120803; EP 12758743 A 20120803; EP 2012003318 W 20120803; US 201214237289 A 20120803